

CLAIMS

1. A stereoscopic laparoscope apparatus comprising a laparoscope, a computer adapted to convert and store image information of the patient's affected part inputted via the laparoscope, and a monitor used to output the image information converted by the computer, the laparoscope comprising:

a supporting unit including a manipulator provided in a body of the laparoscope electrically connected to the computer, and a pair of parallel left and right supporting rods located at one side of the manipulator and having a predetermined length and diameter;

a flexible tube unit including a pair of left and right flexible tubes, which are adapted to be spaced apart from each other within a predetermined angular range according to electric signals generated from the manipulator installed at the tip end of the supporting unit; and

a binocular camera assembly including a pair of left and right cameras installed at the tip end of the flexible tube unit so that they take images of the affected part in the abdominal cavity under operation of the manipulator.

2. The apparatus as set forth in claim 1, wherein the left and right cameras of the binocular camera assembly are arranged so that they are spaced apart from each other within the predetermined angular range as the manipulator is operated upon receiving preset information.